

North Carolina Weather & Crops Report

Released: September 18, 2017



CROP SUMMARY FOR THE WEEK ENDING SEPTEMBER 17, 2017

DAYS SUITABLE FOR FIELD WORK			
This Week	Last Week	Last Year	5-Year Avg.
5.6	5.7	6.7	6.0

SOIL MOISTURE PERCENT				
	VS	ST	A	SS
Topsoil Moisture	1	12	78	9
Subsoil Moisture	1	11	75	13
VS= Very Short ST = Short A = Adequate SS = Surplus				

CROP PROGRESS PERCENT – WITH COMPARISONS				
	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Corn % Mature	93	88	97	96
Cotton % Bolls Opening	55	35	62	58
Soybean % Setting Pods	96	92	97	90
Soybean% Dropping Leaves	26	18	28	20
HARVESTED:				
Apples	57	50	64	56
Corn for Grain	68	56	80	65
Corn Silage	80	72	93	85
Hay: Third Cutting	52	47	65	52
Peaches	96	93	95	98
Sorghum	24	15	32	N/A
Sweet Potato	13	10	19	17
Tobacco: Burley	40	30	38	57
Tobacco: Flue-cured	73	66	81	76

CROP CONDITION PERCENT					
	VP	P	F	G	EX
Corn	1	3	19	46	31
Cotton	0	3	18	57	22
Pasture	1	8	29	52	10
Peanuts	0	1	17	64	18
Sorghum	0	4	31	57	8
Soybeans	0	5	22	60	13
Sweet Potato	0	1	30	61	8
Tobacco: Burley	6	10	31	53	0

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

Hurricane Irma dumped 3-5 inches of rain across region. Total crop damage from flooding and wind yet to be fully assessed

Dwayne Tate – Agronomist Region 12

Weather was drier than previous period after Tropical System Irma departed with only a widespread .25" of rainfall across the counties and temperatures returning to near normal values. Much wind damage observed above 4,000'with large trees blown down in Jackson County on southerly facing slopes and in some mountain gaps.

Robert Hawk – Swain County Extension

The remnants of Hurricane Irma brought high winds and significant moisture to the county early in the week. Rainfall amounts were variable across the county and ranged from over 6" or rain in the southern portions of the county to 2.5" in the northern portions. There was some flooding associated with the storm system and approx. 3-5 acres of vegetable crops were damaged by flood waters. High winds caused downed trees and power outages across the county with some crop damage especially to corn. Fortunately most of the burley tobacco crop had been cut at the time of the storm so there was very little damage to that crop. Hay producers took advantage of the drier weather later in the week to make good progress harvesting their second cutting.

Stanley Holloway – Yancey County Extension

Wet weather this year has lowered tomato yields considerably. Late season sweet corn will be harvested this week. Late season tomatoes will produce until first frost. Blackberries are finished being harvested. Raspberries are still in production.

Karen Blaadow – Henderson County Extension

Crops still in need of rain to finish tobacco harvest will continue into October. Corn yields are down what has been harvested.

Gary Cross – Person County Extension

Tobacco that was transplanted early is deteriorating and needs to be harvested, later transplanted is beginning to show deterioration and leaf diseases. Recent rains have helped soybean and peanut crops.

Don Nicholson – Agronomist Region 7

Little damage from hurricane Irma. Temperatures now are somewhat high and things are getting dry.

Paige Burns –Richmond County Extension

Corn harvest is nearing completion with only the very late planted corn still needed to be harvested. Early maturing, early planted soybeans are being harvested with more acres getting ready as indicated by fields going through senescence. Cabbage planting is in the latter stages and the crop is progressing very well.

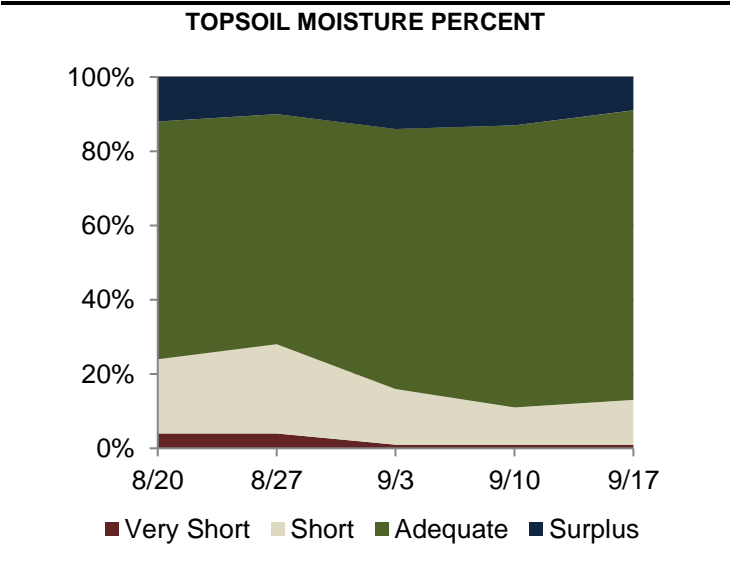
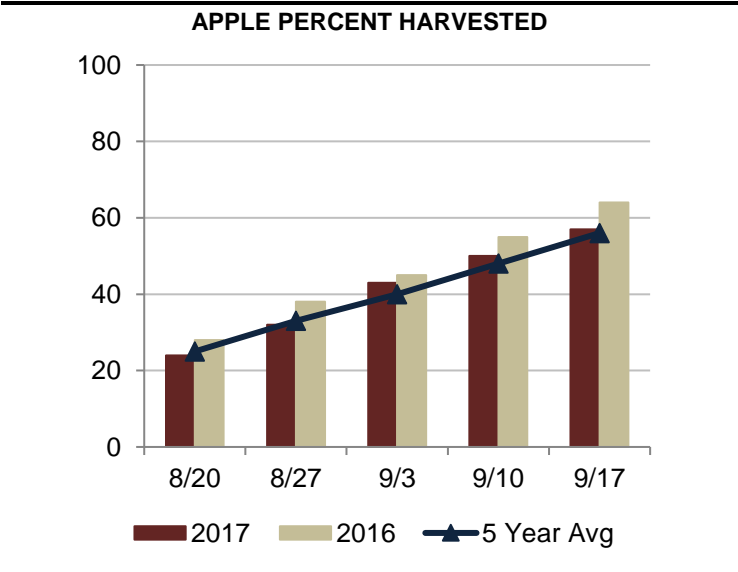
Al Wood – Pasquotank County Extension

Crops continue to progress. Peanut digging and cotton defoliation will begin in the area in the next week to 10 days if conditions continue as they are forecasted. Tobacco continues to decline from disease and brown spot. Group 4 soybeans are dropping leaves and ready to harvest.

Roy Thagard – Green County Extension

Tobacco, sweet potato, and corn harvest is progressing well. Tobacco is not holding as well this year and is being harvested as fast as barn space will allow. Sweet potato crop seems to be yielding well.

Brian Parrish – Harnett County Extension



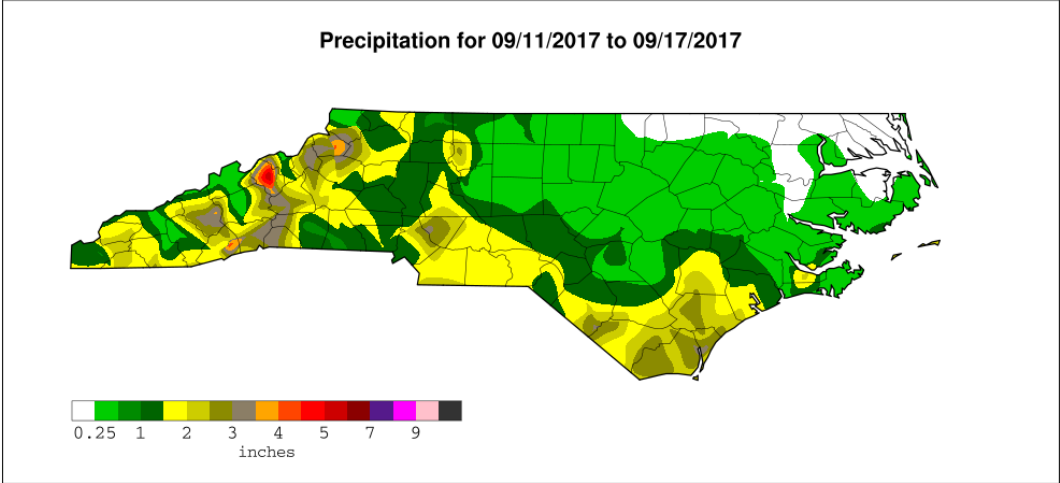
WEATHER SUMMARY FOR THE WEEK ENDING SEPTEMBER 17, 2017									
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	0.92	-0.06	30.37	-4.47	83	53	68	-3	3689
Asheville	1.41	0.53	38.95	3.80	82	51	63	-3	3124
Burlington	0.90	-0.12	31.05	-2.85	87	54	69	-2	3900
Charlotte	1.14	0.23	39.59	7.94	87	55	69	-4	4054
Clayton	0.75	-0.35	47.18	12.82	84	58	70	-2	3824
Clinton	1.13	-0.07	38.25	0.37	88	54	72	-1	4139
Elizabeth City	0.00	-1.25	37.34	1.22	86	63	75	2	4141
Erwin	1.01	-0.06	32.79	-4.22	88	57	72	0	4261
Fayetteville	0.76	-0.40	34.49	-1.33	89	57	73	0	4581
Gastonia-Gaston	1.51	0.51	34.24	1.75	87	55	69	-3	3962
Goldensboro	1.04	-0.26	36.50	-1.65	87	57	73	-1	4340
Greensboro	0.55	-0.50	37.25	5.21	86	53	68	-2	3741
Greenville	0.38	-0.92	42.82	4.84	86	61	74	1	4286
Hickory	1.39	0.35	34.92	-1.46	84	53	66	-4	3603
Jefferson	2.30	1.39	45.62	9.04	81	39	58	-5	2158
Kinston	1.09	-0.23	37.39	-1.69	84	58	72	0	4168
Maxton	1.58	0.39	33.42	-3.01	89	57	72	-2	4313
Mount Airy	0.74	-0.31	41.97	6.93	85	44	63	-5	3064
New Bern	0.42	-0.88	41.84	-0.32	87	62	75	0	4316
North Wilkesboro	1.82	0.77	43.18	5.38	84	53	65	-3	3377
Oxford	0.20	-0.78	26.67	-7.16	81	49	66	-4	3266
Raleigh-Durham	0.64	-0.41	37.01	4.93	84	54	70	-2	4103
Reidsville	1.06	0.01	39.44	4.55	83	50	66	-4	3512
Roanoke Rapids	0.16	-0.96	31.92	-2.26	86	55	72	1	4096
Robbinsville	2.08	1.02	47.99	-1.48	76	48	61	-7	2846
Rockingham	1.74	0.62	29.92	-6.89	85	56	71	-1	4112
Roxboro	0.40	-0.65	39.43	5.40	81	48	66	-3	3436
Southern Pines	1.23	0.18	32.41	-3.37	86	55	71	-2	4173
Statesville	1.17	0.19	39.47	5.63	82	53	65	-5	3377
Tarboro	0.30	-0.89	43.32	8.58	86	55	71	0	4038
Vale	1.80	0.89	42.02	7.21	85	53	65	-6	3465
Wallace	2.61	1.09	45.33	3.08	87	56	73	-2	4209
Washington	0.18	-1.15	39.92	2.51	87	56	73	1	4111
Waynesville	3.33	2.48	34.34	-2.17	82	49	60	-4	2573
Whiteville	2.69	1.37	37.90	-1.16	87	58	73	-2	4163
Williamston	0.15	-1.18	41.94	4.53	86	56	72	0	4091
Willimnton	2.49	0.83	51.14	6.85	88	61	76	0	4443
Wilson	0.35	-0.85	41.48	5.73	86	60	73	1	4171
Winston Salem	1.19	0.14	36.97	4.93	84	53	67	-3	3714

¹ Precipitation data considered preliminary *Data not available.

PRECIPITATION SUMMARY

<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.



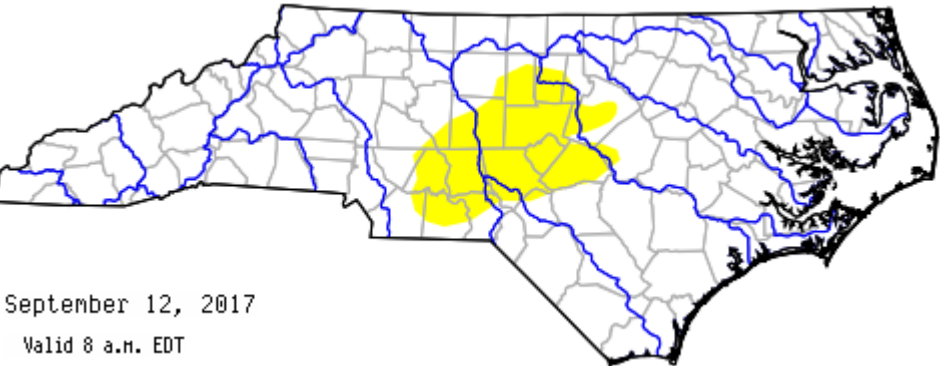
US DROUGHT MONITOR OF NORTH CAROLINA

<http://www.ncdrought.org/>

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought



County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)